AMENDMENTS TO THE SPECIFICATION

Please replace paragraph 0006 with the following:

The basic layout is shown in Figure 1A. A controlled laser system 100 includes a laser 102 and a controller 104. The controller 104 causes the laser to produce patterns based on information in the memory 106. The output of the laser produces output patterns are formed at an energy density per unit time which will cause a noticeable change in the material being processed (here denim), but will not undesirably mark or burn through the denim, unless it is intentionally desired to do so. The concepts of the application of power by this laser system are described in U.S. patent 5,990,444.

Please replace paragraph 0007 with the following:

Here, the controller 104 is programmed to produce special patterns on fabric sizes of individual jean panels, as shown in Figure 1B. A denim roll will be cut into individual parts that make up an entire jean. For most pairs of jeans, the individual denim panels which make up the pair of jeans could be fit inside a 60 inch square area. In this embodiment, all of the panels for a specific pair of jeans are lazed in a single lazing operation. Figure 1B shows a 60 by 60 inch material panel 120 which includes the sections such as 122, 124 that will eventually form the finished garment in a way such that the pattern is formed. In this embodiment, the 60 by 60 panel is lazed and cut to form the garment. Alternatively, the sections122 can be cut in advance and individually. In certain kinds of operations, such as formation of regular patterns which may overlap, the entire 60 by 60 panel may be lazed as a single piece.

Please replace paragraph 0009 with the following:

Hence, the fractal jean production concept would include the operations shown in the flowchart of Figure 2. At 200, the denim is cut from a denim textile roll to form the cut parts 122, 124. All the denim panels that make up a pair of low rise women's jeans are collected and located in an area, e.g., a 60 inch square area at 205. Other jean cuts such as men's boot cut may require field sizes larger than 60-inch square. The cutting may be optional if the pattern is continuous.

Please replace paragraph 0016 with the following:

The files may also be modified to maintain a low boundary power for each file. The lowered boundary may slowly ramp on the power so as to prevent the effects of the start up process of the laser. The low boundary power keeps the patterns from visibly overlapping when combined together. This operation is shown as 215, which is entitled as "edge effects" in the flowchart.

Please replace paragraph 0020 with the following:

All of these exemplary patterns besides "Stardust" are based upon fractal mathematics or mathematic equation sets. Each pattern has its own complex equation that TechnoBlast reads and configurates into a design. By simply changing a few of the coefficients, a new pattern appears. This is just one method for creating fractal and patterned images. Others include, downloading a picture and converting it to grayscale using drawing software or just by drawing the pattern on the screen with drawing software.

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AMENDMENTS TO THE DRAWINGS

Replacement Sheets of drawings are corrected.